

# Figure 1

System Aliquots

Time-Interval Sampling

Protein Separation

Protein Fractionation

Figure 1 is a schematic diagram of a system for protein fractionation and analysis. The diagram illustrates the workflow from sample collection to analysis. At the top, two samples, A (Untreated) and B (Treated), are shown at time  $t=0$ . These samples are then processed through a series of steps: 1. System Aliquots (2), 2. Time-Interval Sampling (3), 3. Protein Separation (4), 4. Protein Fractionation (5), and 5. Parallel LC-MS Analysis (6). The diagram shows the flow of samples from the initial collection to the final analysis, including the use of a 36 Samples for Normal and 36 Samples for Treated Tissue A, and the resulting 25 Time Points.

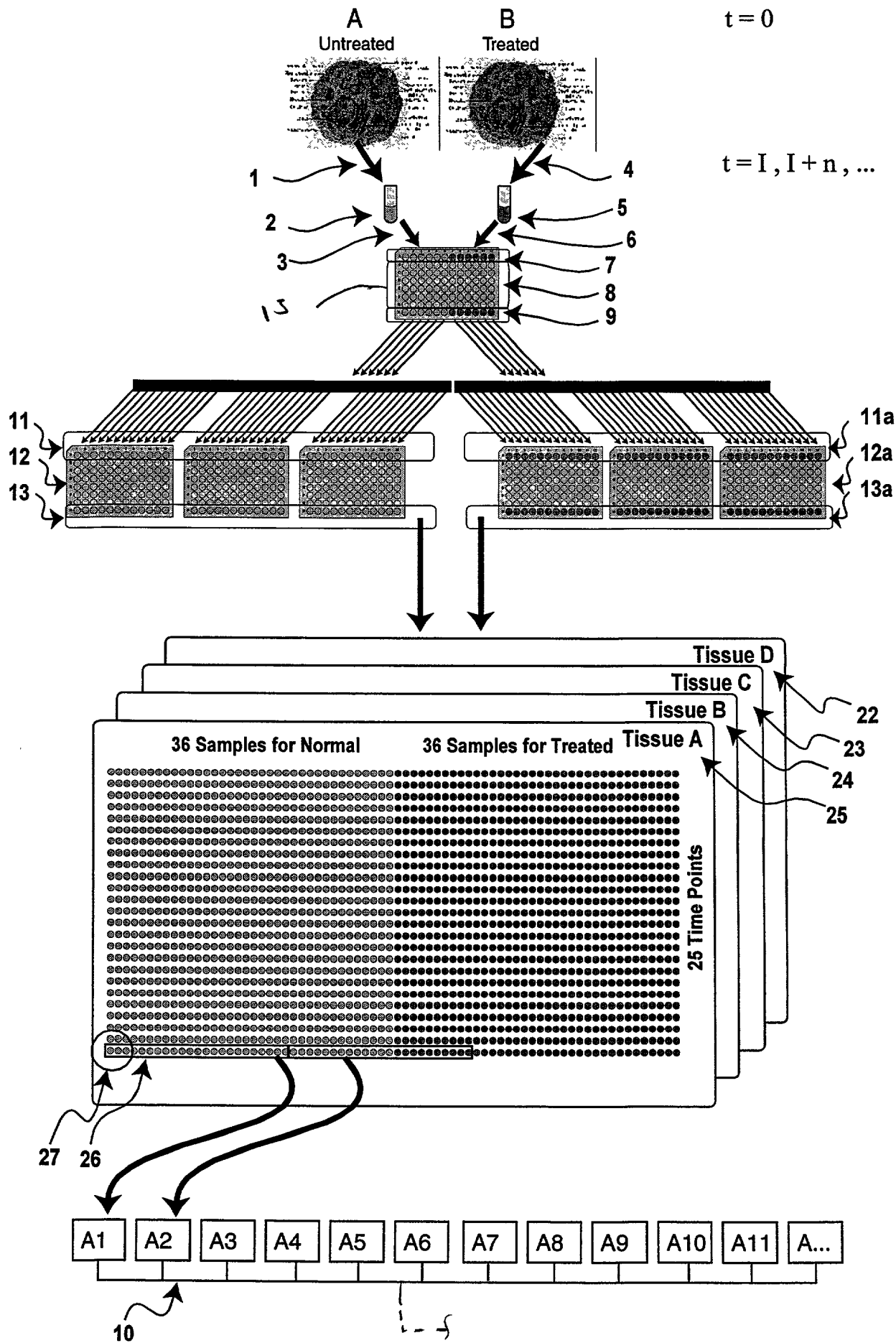


Figure 2

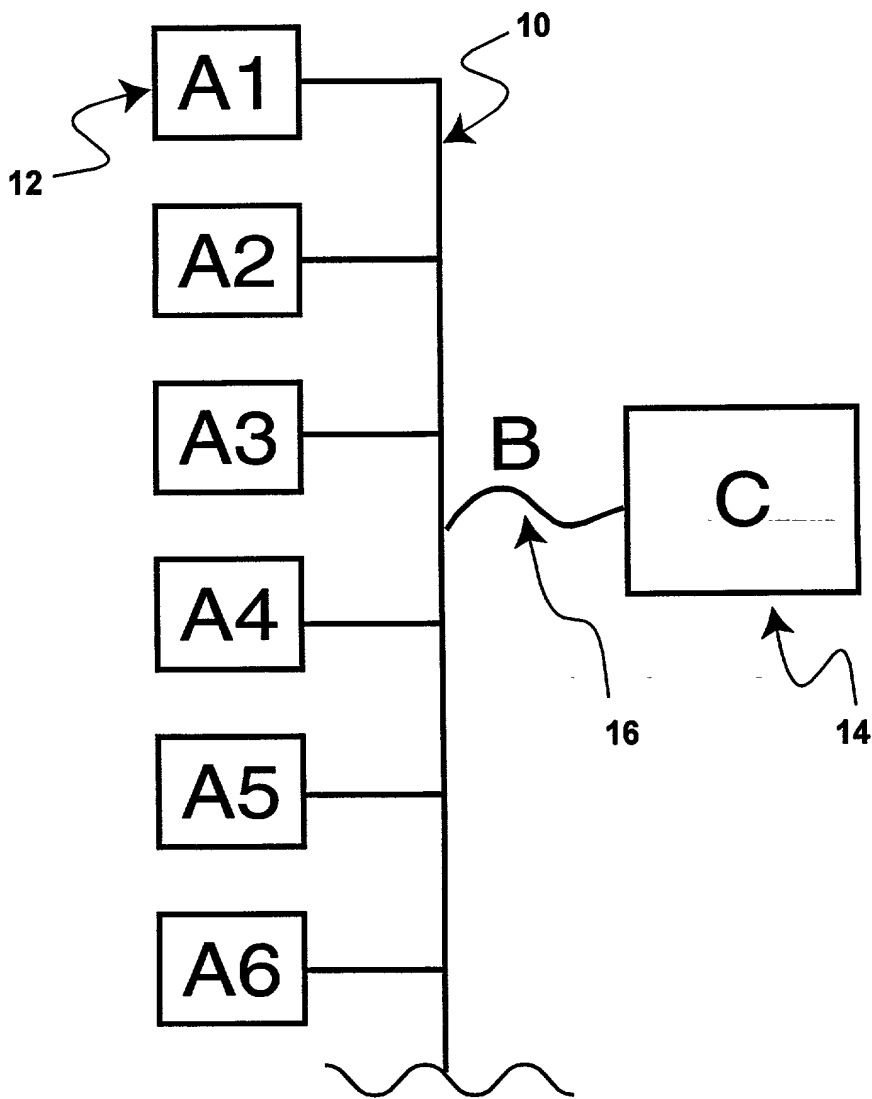
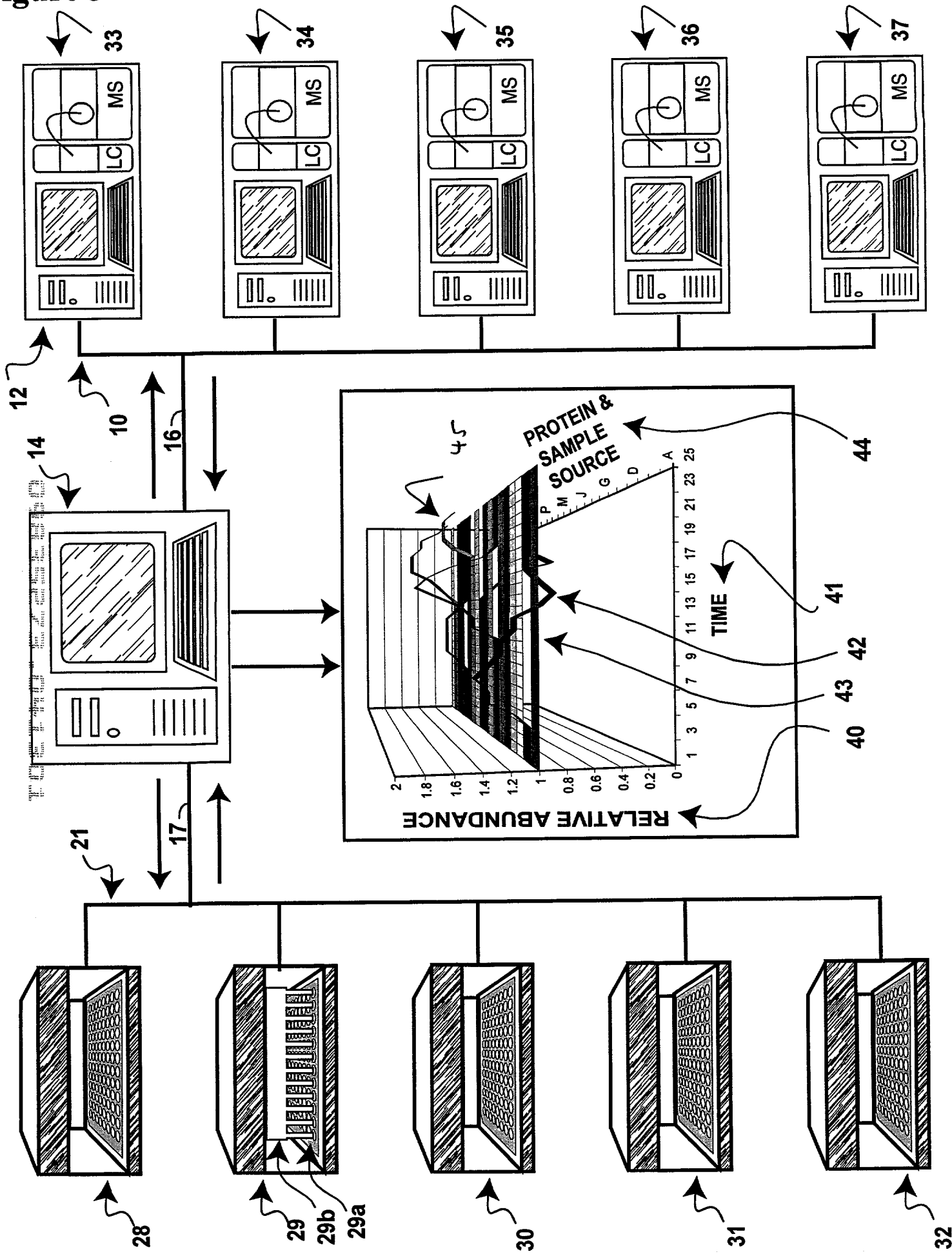


Figure 3



### Figure 4

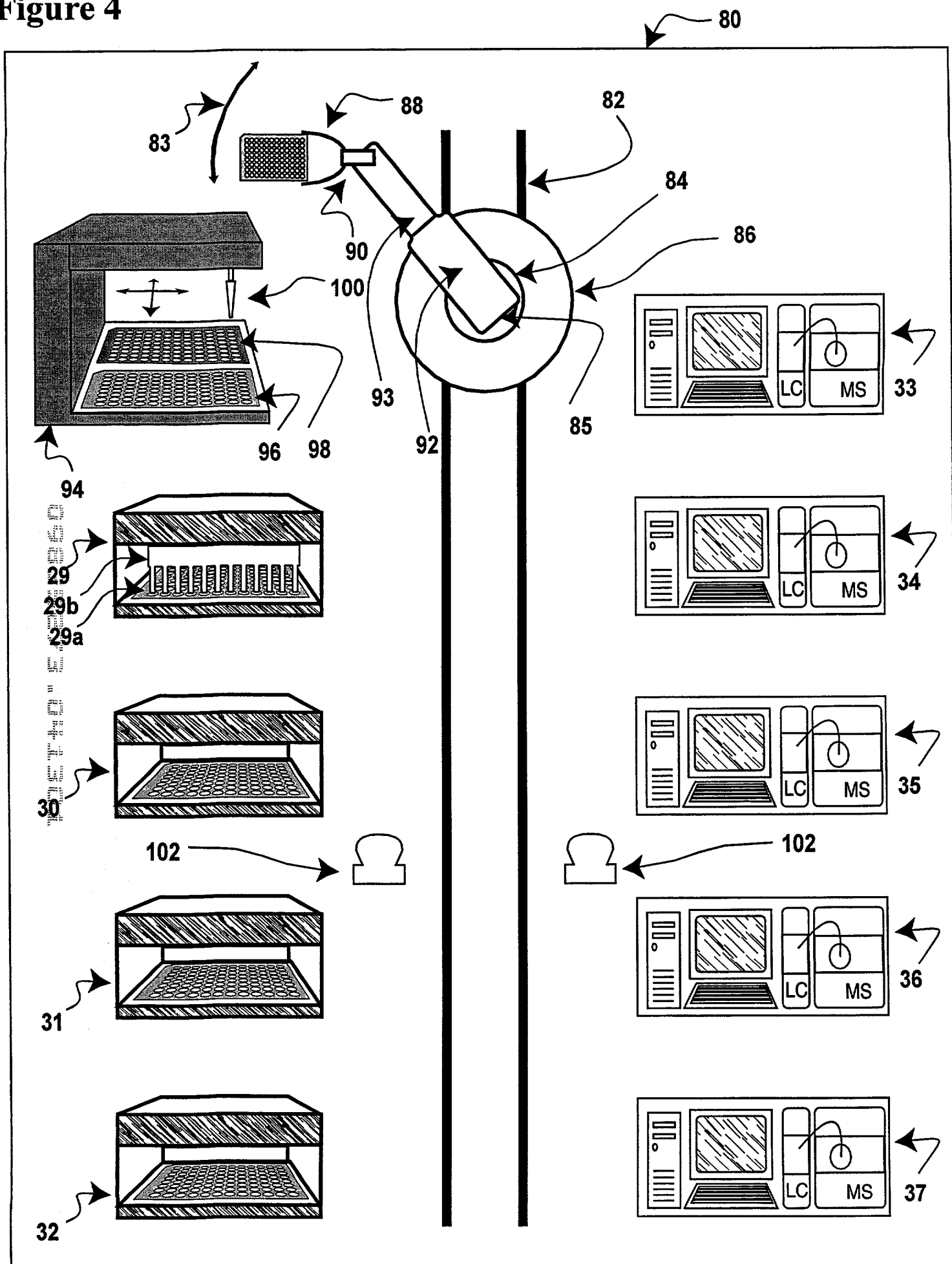
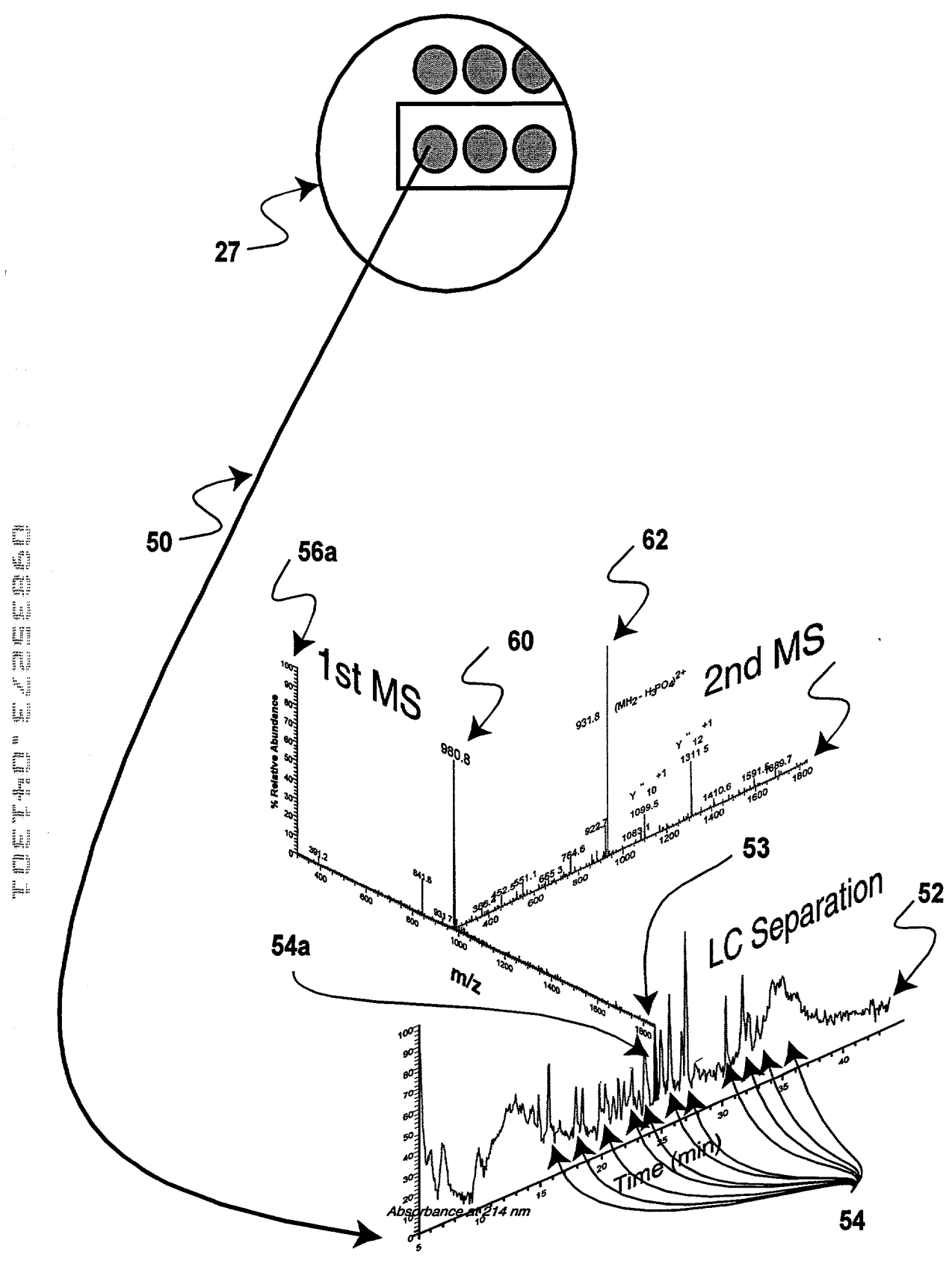
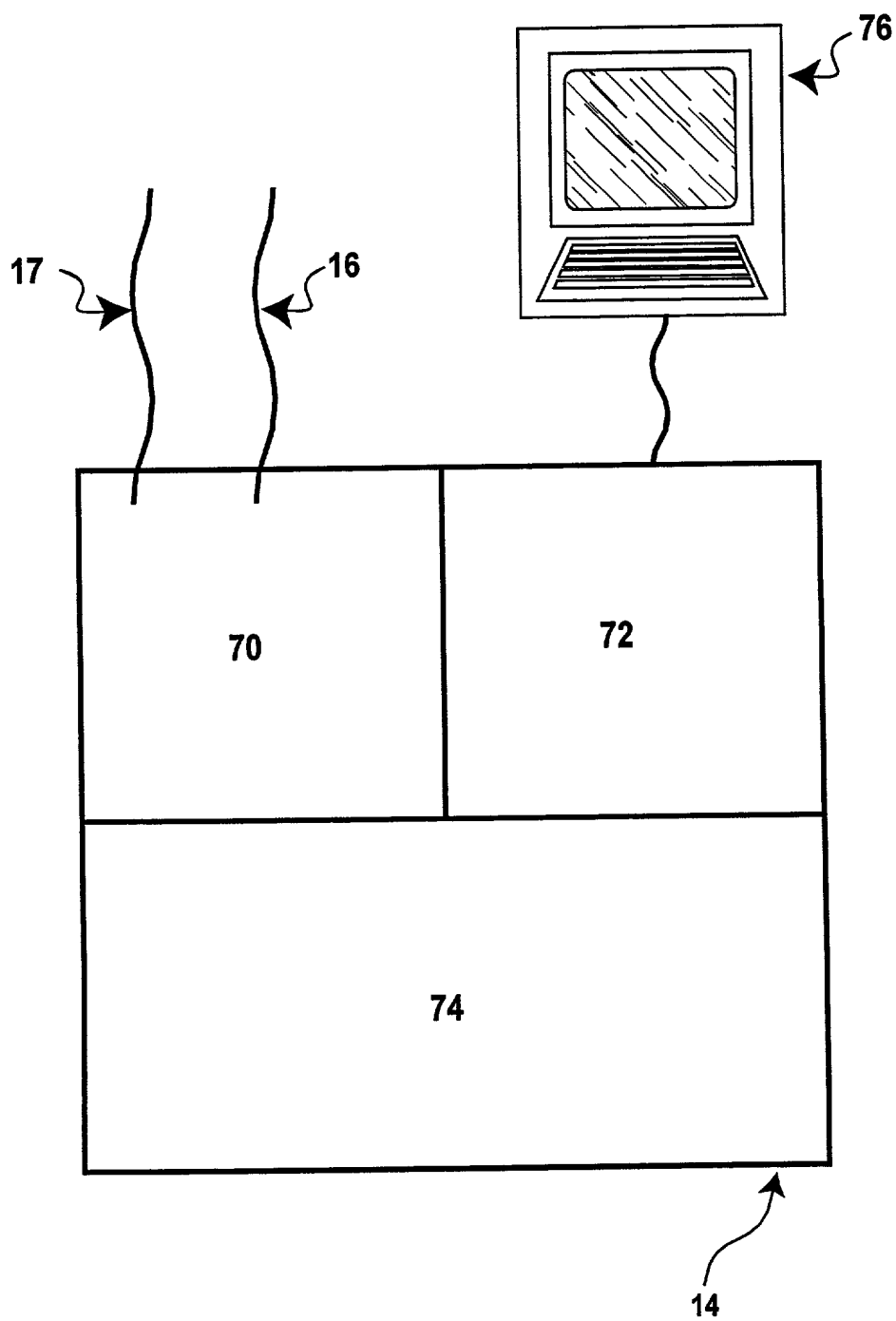


Figure 5



**Figure 6**



**Figure 7**

